

PTO/SB/08 (08-00)

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number. <b>1449B/PTO</b> <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: <b>3/4/03</b> (use as many sheets as necessary)				<b>Complete if Known</b>	
Application Number				10/049,164	
Filing Date				02/06/2002	
First Named Inventor				Matthew P. Patricelli	
Group Art Unit				Unassigned	
Examiner Name				Unassigned	
Attorney Docket Number				063391-0202	

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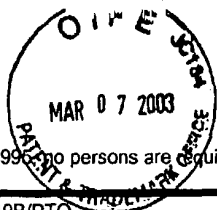
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023.22(4)2V1	Examiner Signature	<i>Mark E. Casper</i>	Date Considered	11/12/04
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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

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Sheet 2 of 2

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**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

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MPC	C1	Cravatt and Sorensen, "Chemical strategies for the global analysis of protein function", <i>Curr. Opin. Chem. Biol.</i> 4(6):663-8 (2000 Dec)	
	C2	Deutscher (ed.), <i>Methods in Enzymology</i> 182:147-238 (1990) ✓	
	C3	Gee et al., "Fluorescent Bocillins: Synthesis and application in the detection of penicillin-binding proteins, <i>Electrophoresis</i> 2001, 22:960-965 ✓	
	C4	"Handbook of Fluorescent Probes and Research Products," Molecular Probes, Inc., 2001	
	C5	Kidd et al., "Profiling Serine Hydrolase Activities in Complex Proteomes," <i>Biochemistry</i> 40:4005-15 (2001) ✓	
	C6	Laemmli, UK, <i>Nature</i> 227:680-685 (1970) ✓	
	C7	Liu et al., "Activity-based protein profiling: The serine hydrolases <i>Proc. Natl. Acad. Sci.</i> 96(26):14694 (1999) ✓	
	C8	Patricelli et al., "Direct Visualization of serine hydrolase activities in complex proteomes using fluorescent active site-directed probes," <i>Proteomics</i> 1:1067-71 (2001) ✓	
	C9	Scholz et al., "Fluorescent Inhibitors for the Qualitative and Quantitative Analysis of Lipolytic Enzymes," <i>Anal. Biochem.</i> 276:72-80 ✓	
	C10	Wang, G. and Geng, L., <i>Anal. Chem.</i> 72:4531-4542 (2000) ✓	
MPC	C11	Zhao et al., "Bocillin FL, a Sensitive and Commercially Available Reagent for Detection of Penicillin-Binding Proteins," <i>Antim. Agents and Chem.</i> May 1999, 1124-1128 ✓	

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Examiner  
Signature

Mary E. Ceperley

Date

11/12/04

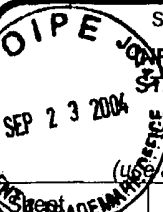
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	1 of 2		First Named Inventor	Patricelli
			Group Art Unit	1646-1641
		Examiner Name	CEPERLEY	
		Attorney Docket Number	063391-0202	

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
MEC	A1	6,127,134		Minden et al.	10-03-2000	

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
MEC	A2	WO	01/77668		The Scripps Research Institute	10-18-2001		
MEC	A3	WO	00/11208		University of Washington	03-02-2000		

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
MEC	A4	Supplementary European Search Report for Application No. EP 02714857.6-2404-US0203808	
MEC	A5	Urwin and Jackson, "A Multiple high-resolution mini two-dimensional polyacrylamide gel electrophoresis system: Imaging two-dimensional gels using a cooled charge-coupled device after staining with silver or labeling with fluorophore." Analytical Biochemistry 195:30-37, 1991.	
MEC	A6	Greenbaum et al., Epoxide electrophiles as activity-dependent cysteine protease profiling and discovery tools." Chemistry & Biology, 7:569-581, 2000.	
MEC	A7	Adam et al., Profiling the specific reactivity of the proteome with non-directed activity-based probes. Chemistry & Biology, 8:81-95, 2001.	
MEC	A8	Cravatt and Sorensen, Chemical strategies for the global analysis of protein function, Current Opinion in Chemical Biology, 4:663-668, 2000.	
MEC	A9	Liu et al., Activity-based protein profiling: The serine hydrolases, PNAS, 96:14694-14699, 1999.	

Examiner Signature	Mary E. Ceperley	Date	11/02/04
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MEC	A10	Patricelli et al., Direct visualization of serine hydrolase activities in complex proteomes using fluorescent active site-directed probes. Proteomics, 1:1067-1071, 2001.	
MEC	A11	Bogyo et al., Covalent modification of the active site threonine of proteasomal $\beta$ subunits and the Escherichia coli homolog HsIV by a new class of inhibitors. PNAS, 94:6629-6634, 1997.	

 Examiner  
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